

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: ZHANG, Caiteng

SERIAL NO.: 10/590637

ART UNIT: 1796

FILED: 23 August 2006

EXAMINER: Heincer, L. J.

TITLE: A SOLUTION OF METAL-POLYMER CHELATE(S) AND APPLICATIONS THEREOF

Supplemental Amendment B: REMARKS

In response to the Office communication of August 27, 2009, Applicant's attorney presents the following additional explanation as requested. It is important to note that Applicant's attorney has been given strict instructions for presentation of amendments by the Applicant/Inventor directly.

With regard to the rejection under 35 U.S.C. §102(b), Applicant does not agree with the use of the Yamashita patent as a prior art reference. The Yamashita patent is drawn to waste products, requiring increased preservatives to slow fermentation and having interference substances in the composition. For example, bacteria and monosaccharide molecules are impurities that are not present in the claimed chemical composition.

With regard to the rejections under 35 U.S.C. §112, first and second paragraphs, Applicant contends that the amended claims are described and enabled by the specification.

Applicant contends that Claim 1 can have five decimal places because "0.1% x 0.1%" is disclosed on page 14 of the specification, as such 0.001×0.001 is 0.00001. Applicant believes that the range can extend to five decimal places. Applicant contends that Claim 2 now claims proteins as the molecules with amino groups. Applicant contends that Claim 3 recites monosaccharide bimolecules from the specification, which are monosaccharide derivatives. Applicant notes that Claim 5 has canceled sodium and potassium, that Claim 10 has been amended for linear polymers

instead of the previous bridging agent, Claim 14 has canceled the carboxyl and amino group limitation, and Claims 22 and 25 have deleted the chitosans references.

Applicant has made the enablement changes. Claim 1 names compounds instead of molecules. Claim 2 deletes soluble hydroxyl polymer. Claim 3 now specifies static bio-carrier and deletes the "low molecular weight molecules". Claim 4 also cancels the "low molecular weight molecules". Claim 7 changes polymers to compounds. Claim 8 now specifies a static bio-carrier for a solution with metal chelates. Claims 15 and 17 are amended to recite uses for the composition.

Applicant hereby incorporates all of the amendments and remarks as filed on August 23, 2009 in Amendment B. The present remarks are supplemental for the Examiner's consideration.

Applicant's attorney has advised the Applicant regarding the nature of these amendments, and Applicant has decided to pursue such amendments.

Based upon the foregoing analysis, Applicant contends that independent Claim 1 is in a condition. Reconsideration of the rejections and allowance of the claims at an early date is earnestly solicited. Since no new claims have been added above those originally paid for, no additional fee is required.

Respectfully submitted,

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